

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105340.D
 Acq On : 12 May 2018 16:29
 Operator : JU/SJ
 Sample : J2859-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-44791RT-RB-47188RT

Manual Integrations
 APPROVED

Sohil
 5/14/2018 3:19:48 PM

Quant Time: May 14 09:37:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149588	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	638511	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	285054	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	519673	20.00	ng	0.00
75) Chrysene-d12	13.99	240	329121	20.00	ng	-0.02
86) Perylene-d12	15.53	264	364594	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	950478	95.57	ng	0.00
7) Phenol-d6	6.42	99	1191631	100.83	ng	0.00
23) Nitrobenzene-d5	7.35	82	758855	69.17	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	349431	94.88	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1219992	61.69	ng	0.00
78) Terphenyl-d14	12.90	244	1115027	72.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	272911	12.471	ng	99
70) Phenanthrene	11.33	178	69598	2.376	ng	97
74) Fluoranthene	12.52	202	82251	2.825	ng	97
77) Pyrene	12.75	202	65169	2.566	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	60852	4.492	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

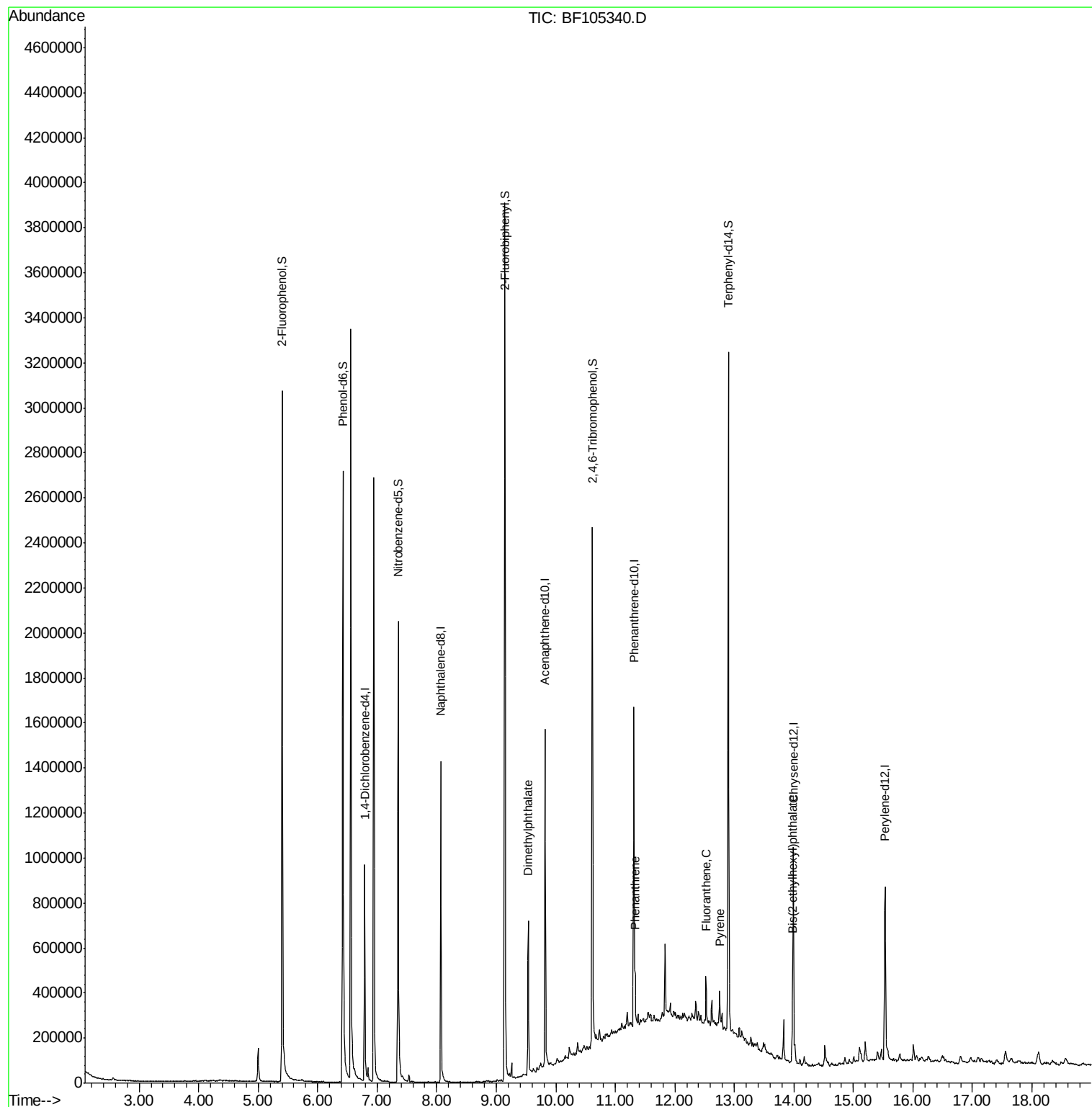
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105340.D
Acq On : 12 May 2018 16:29
Operator : JU/SJ
Sample : J2859-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

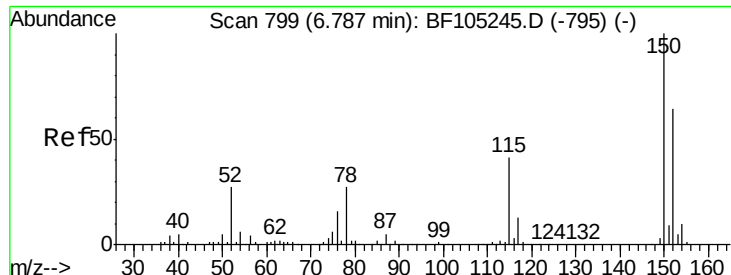
Instrument :
BNA_F
ClientSampleId :
RB-44791RT-RB-47188RT

Manual Integrations
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5/14/2018 3:19:48 PM

Quant Time: May 14 09:37:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 11 17:15:19 2018
Response via : Initial Calibration





#1

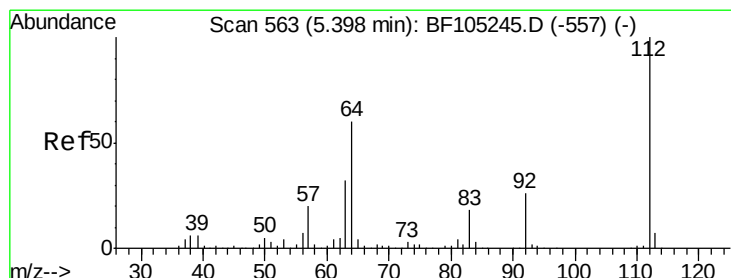
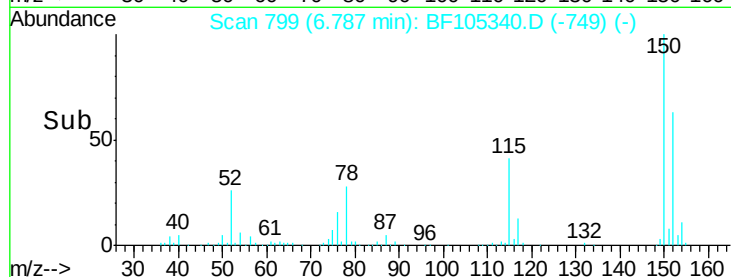
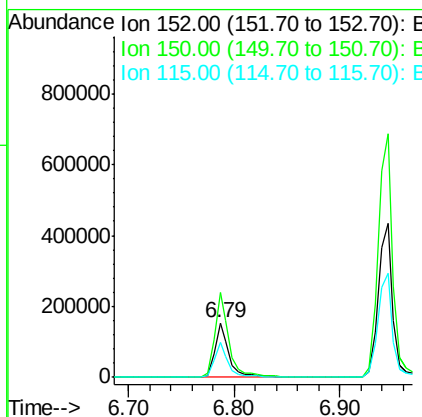
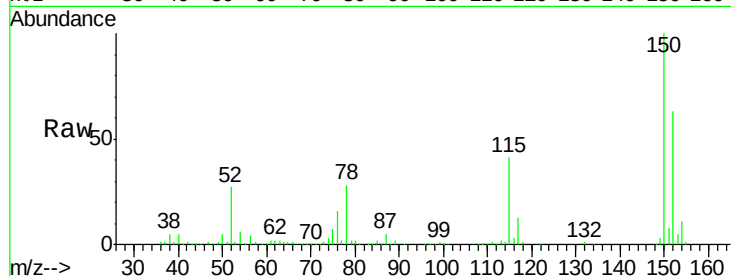
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105340.D
Acq: 12 May 2018 16:29

Instrument :
BNA_F
ClientSampleId :
RB-44791RT-RB-47188RT

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	64.7	50.1	75.1

Manual Integrations
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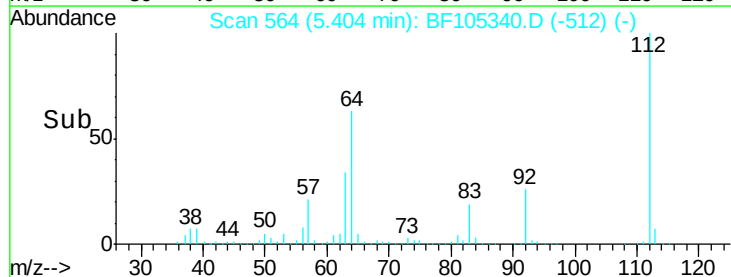
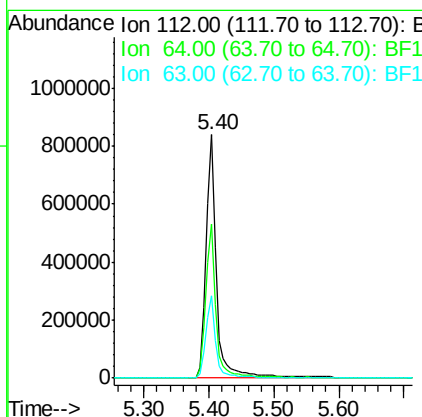
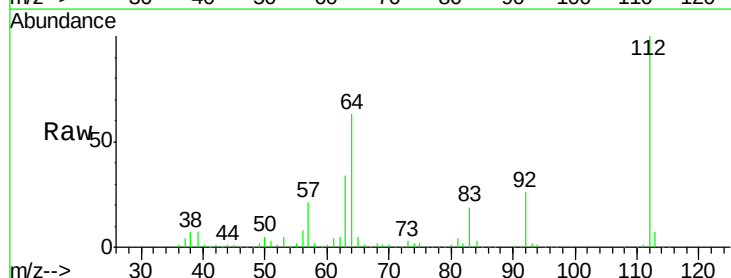
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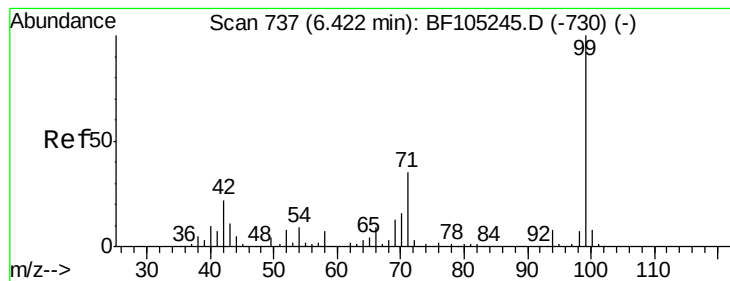


#5

2-Fluorophenol
Concen: 95.565 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF105340.D
Acq: 12 May 2018 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	34.0	23.7	35.5





#7

Phenol-d6

Concen: 100.829 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF105340.D

Acq: 12 May 2018 16:29

Instrument :

BNA_F

ClientSampleId :

RB-44791RT-RB-47188RT

Tot Ion: 99 Resp: 1191631

Ion Ratio Lower Upper

99 100

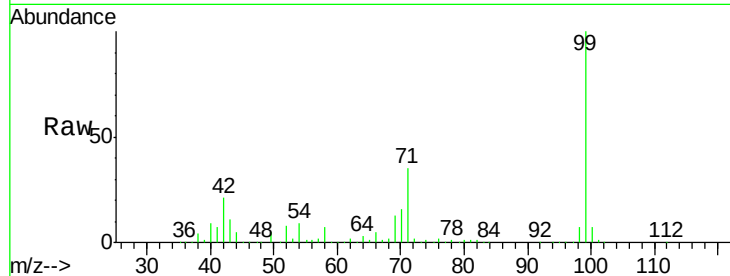
42 21.2 14.5 21.7

71 35.3 25.4 38.0

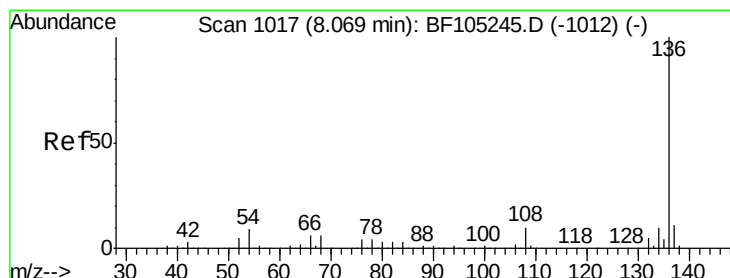
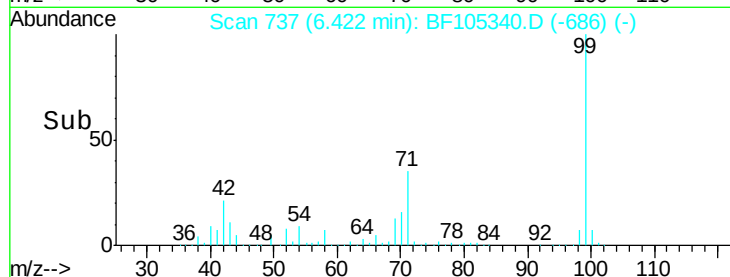
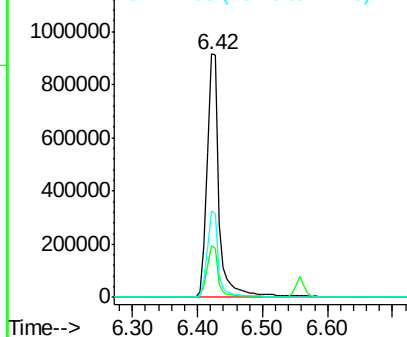
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105340.D

Acq: 12 May 2018 16:29

Tgt Ion: 136 Resp: 638511

Ion Ratio Lower Upper

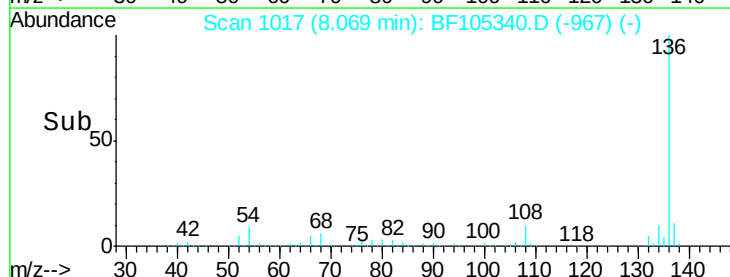
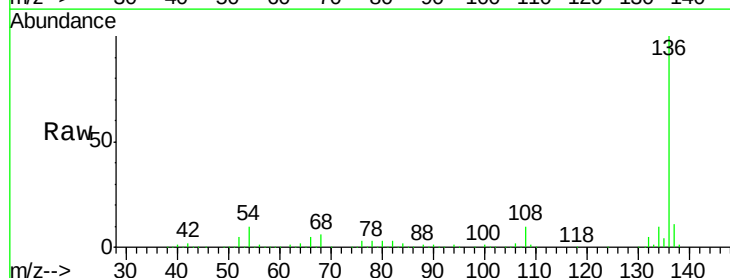
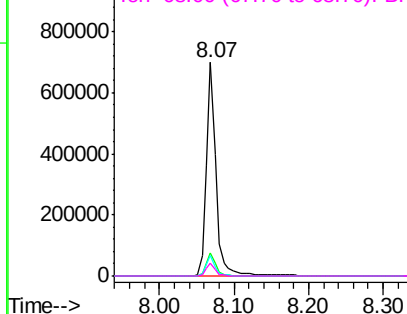
136 100

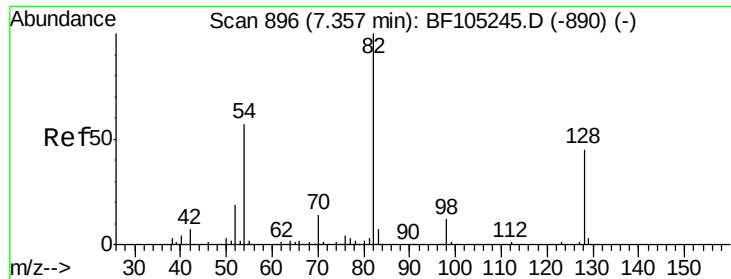
137 10.9 8.9 13.3

54 9.5 6.6 9.8

68 6.1 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





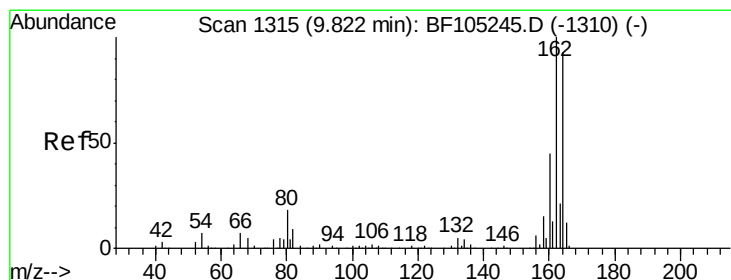
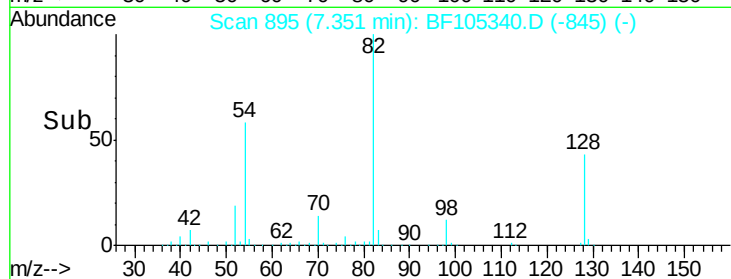
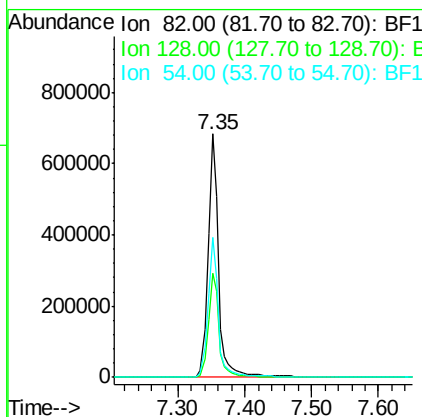
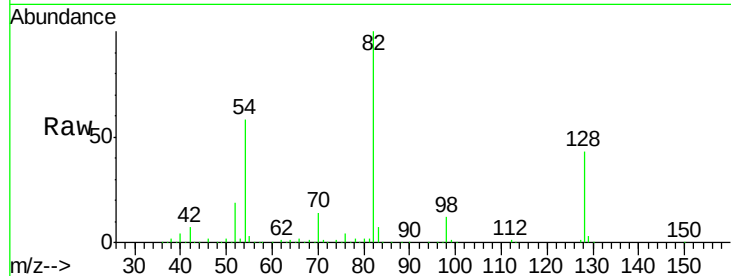
#23
 Nitrobenzene-d5
 Concen: 69.171 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF105340.D
 Acq: 12 May 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :
 RB-44791RT-RB-47188RT

Tot Ion:	82	Resp:	758855
Ion Ratio	Lower	Upper	
82	100		
128	42.6	36.1	54.1
54	57.7	41.4	62.2

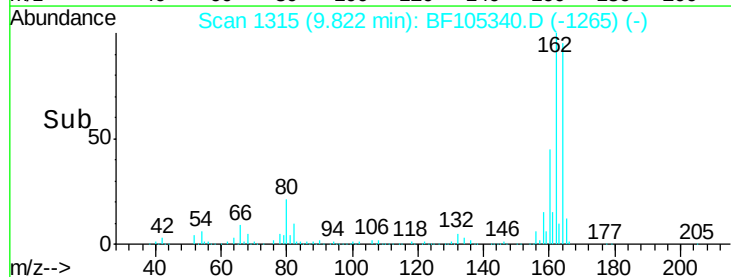
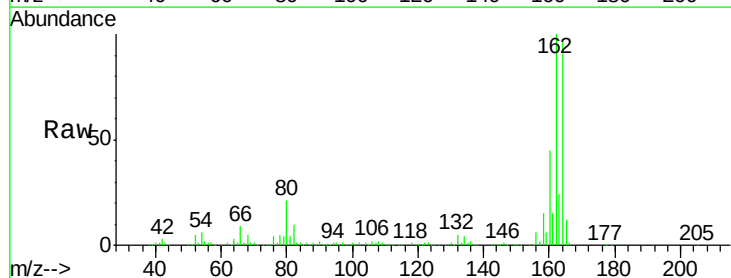
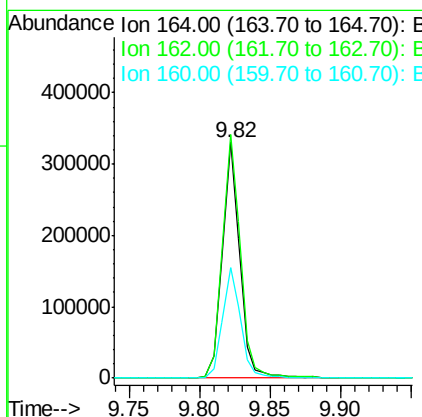
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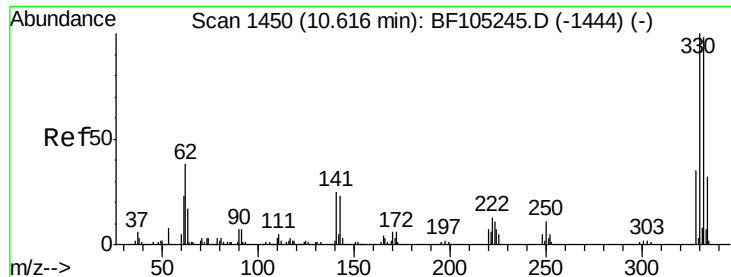
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105340.D
 Acq: 12 May 2018 16:29

Tgt Ion:	164	Resp:	285054
Ion Ratio	Lower	Upper	
164	100		
162	103.3	86.1	129.1
160	47.0	38.3	57.5





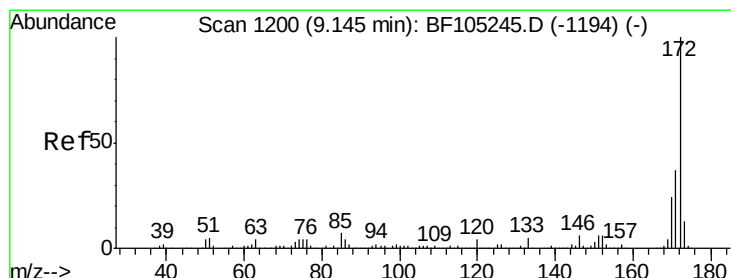
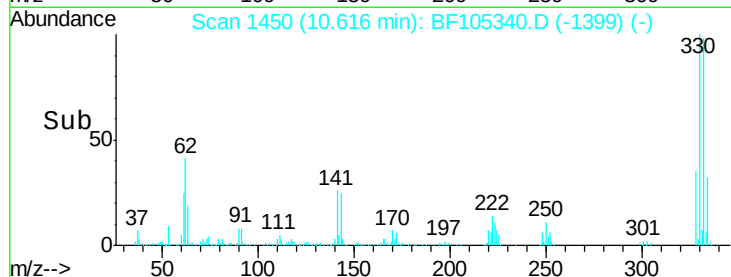
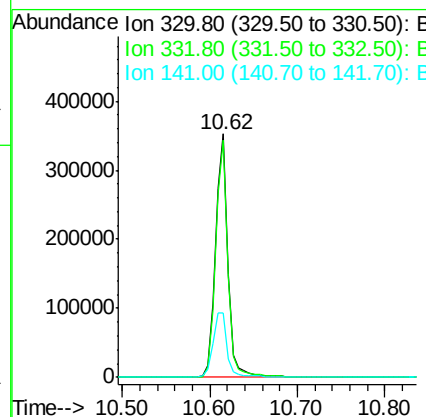
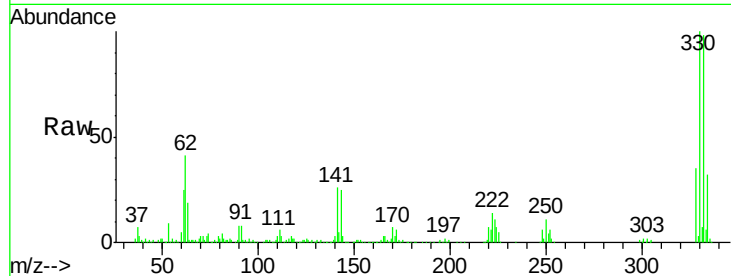
#41
 2,4,6-Tribromophenol
 Concen: 94.882 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105340.D
 Acq: 12 May 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :
 RB-44791RT-RB-47188RT

Tot Ion	Ratio	Resp	Lower	Upper
330	100	349431		
332	95.9	77.0	115.6	
141	29.5	29.9	44.9#	

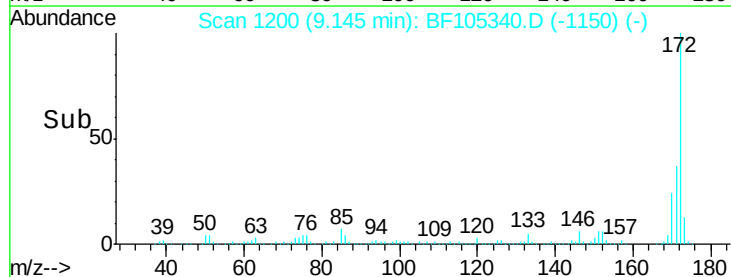
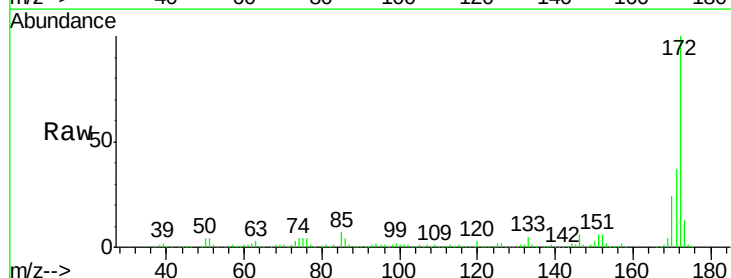
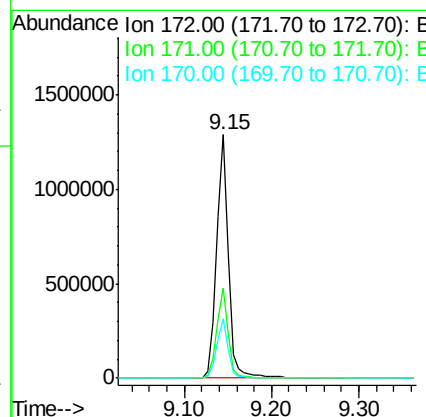
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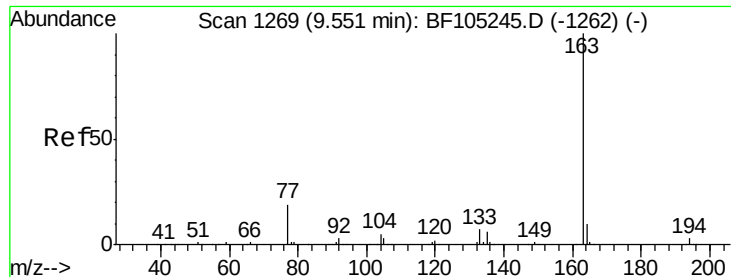
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 61.685 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105340.D
 Acq: 12 May 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1219992		
171	37.1	29.7	44.5	
170	24.3	19.6	29.4	





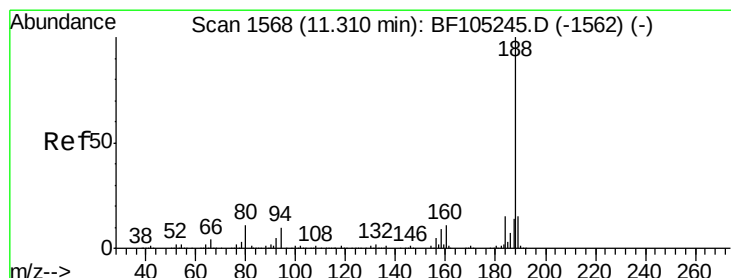
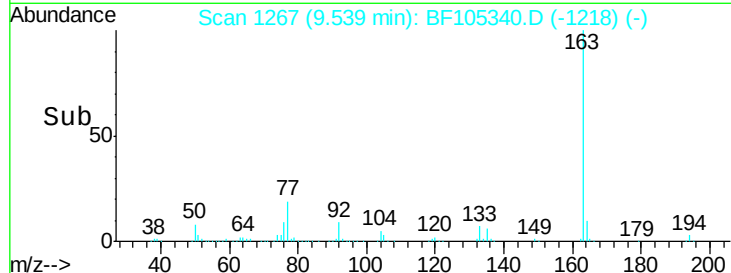
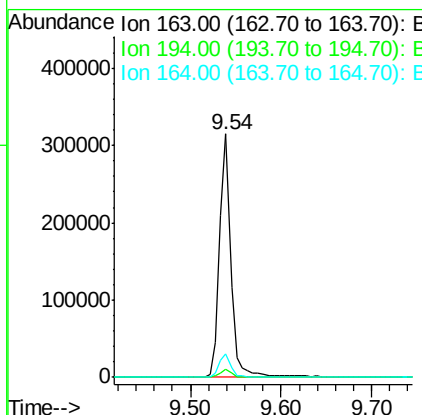
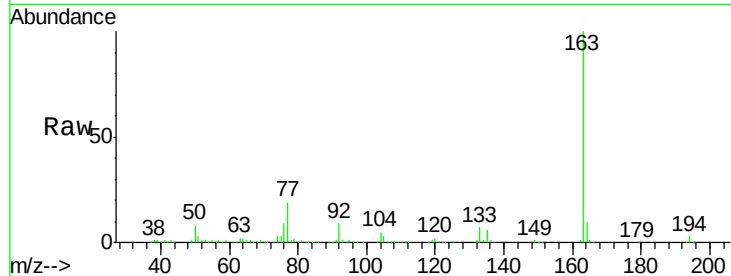
#49
Dimethylphthalate
Concen: 12.471 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF105340.D
Acq: 12 May 2018 16:29

Instrument :
BNA_F
ClientSampleId :
RB-44791RT-RB-47188RT

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		272911		
194	3.3		2.7	4.1	
164	9.6		8.2	12.2	

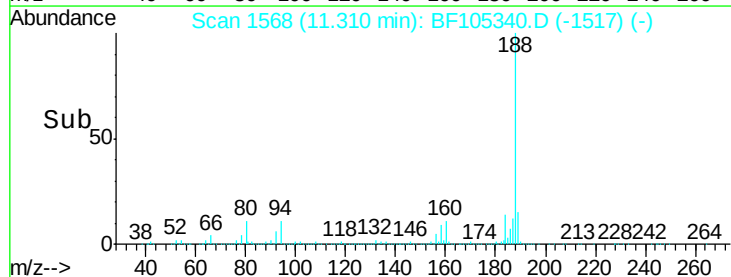
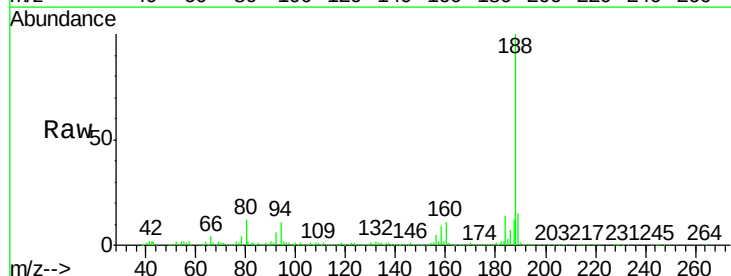
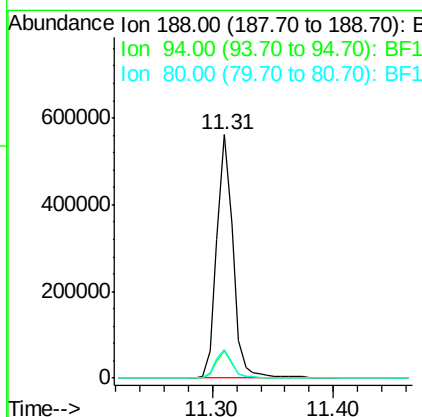
Manual Integrations
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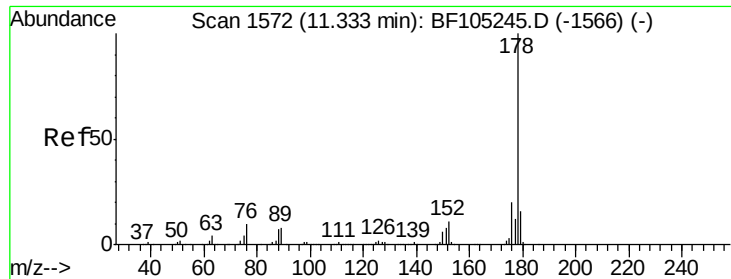
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF105340.D
Acq: 12 May 2018 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		519673		
94	11.0		8.5	12.7	
80	11.6		9.2	13.8	





#70

Phenanthrene

Concen: 2.376 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF105340.D

Acq: 12 May 2018 16:29

Instrument :

BNA_F

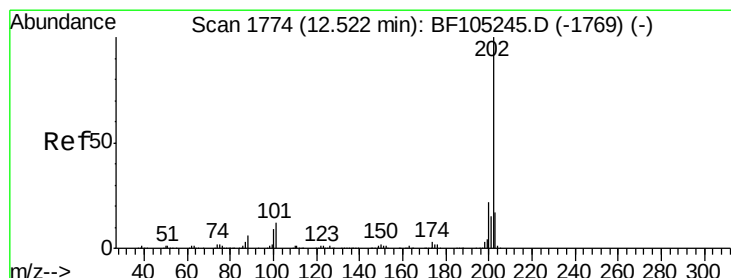
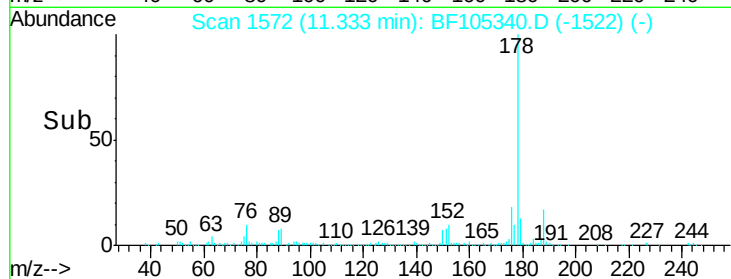
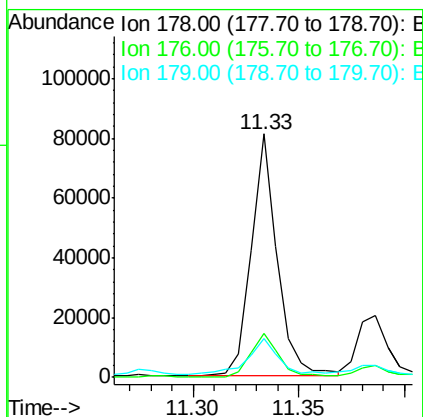
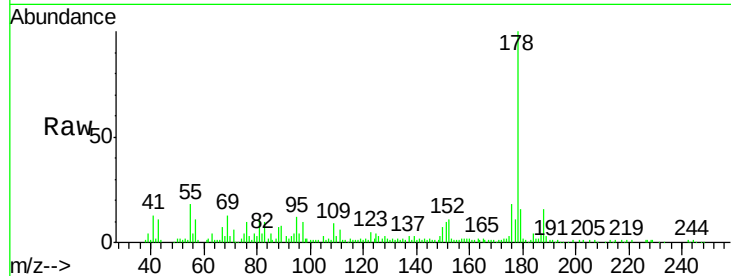
ClientSampleId :

RB-44791RT-RB-47188RT

Tot Ion:178	Resp:	69598
Ion Ratio	Lower	Upper
178	100	
176	18.0	15.8 23.8
179	15.8	13.0 19.6

Manual Integrations
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#74

Fluoranthene

Concen: 2.825 ng

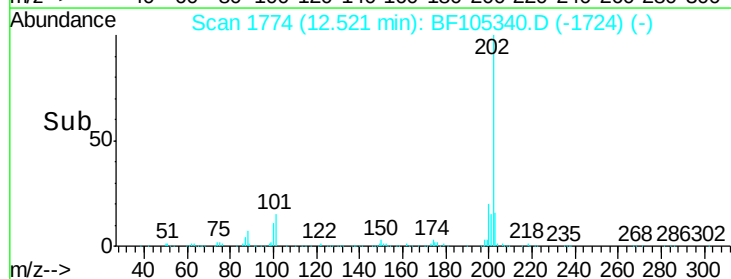
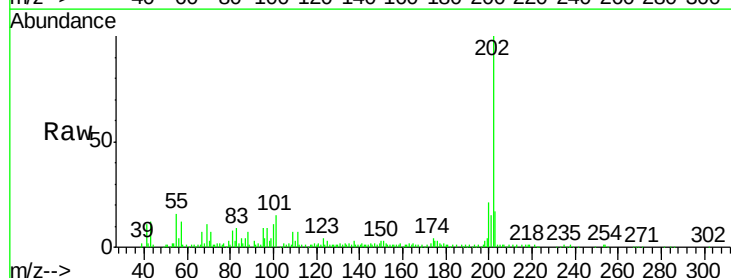
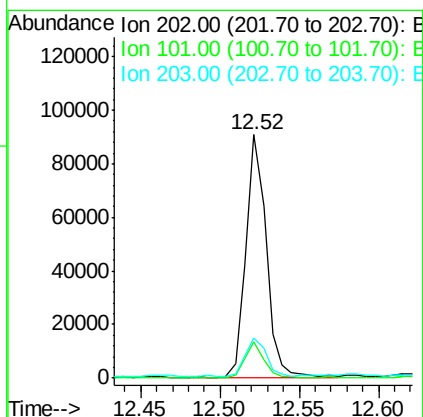
RT: 12.52 min Scan# 1774

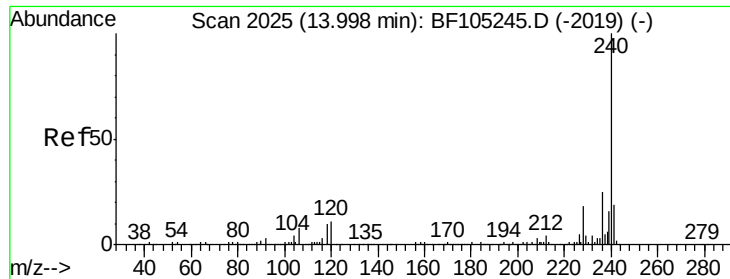
Delta R.T. -0.01 min

Lab File: BF105340.D

Acq: 12 May 2018 16:29

Tgt Ion:202	Resp:	82251
Ion Ratio	Lower	Upper
202	100	
101	14.9	0.0 34.1
203	16.5	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105340.D

Acq: 12 May 2018 16:29

Instrument :

BNA_F

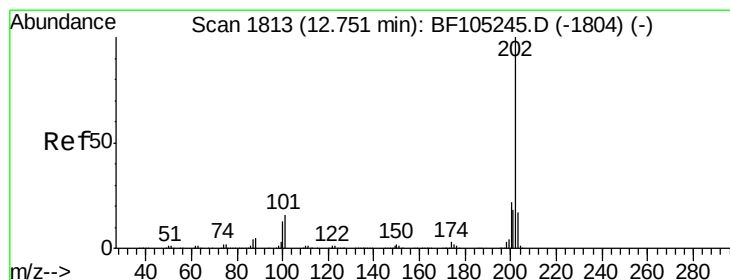
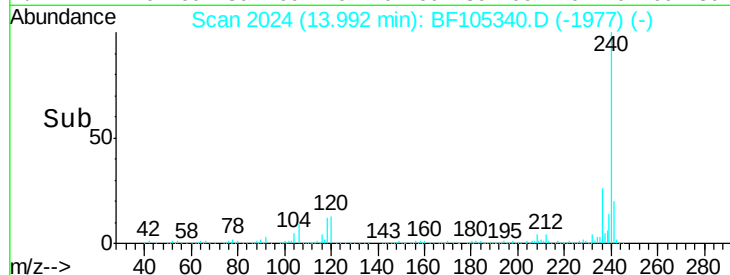
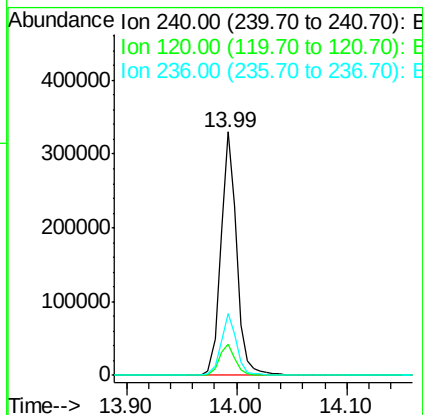
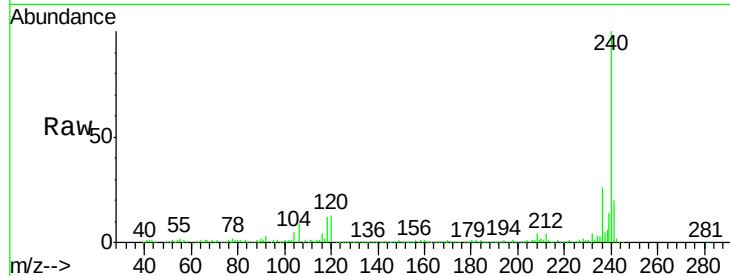
ClientSampleId :

RB-44791RT-RB-47188RT

Tot Ion:	240	Resp:	329121
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.566 ng

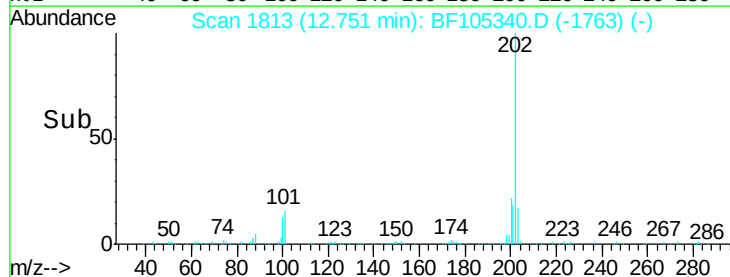
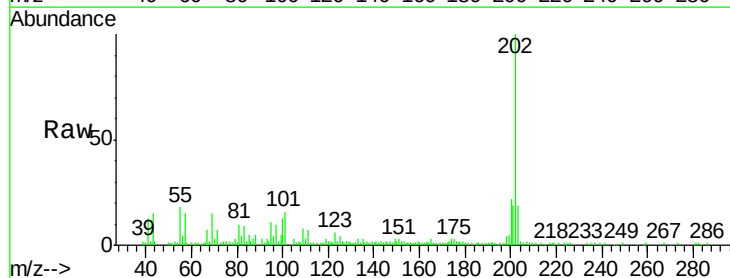
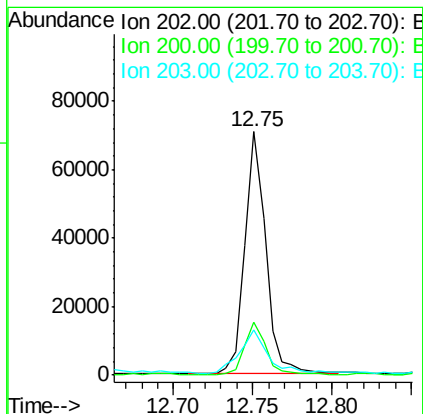
RT: 12.75 min Scan# 1813

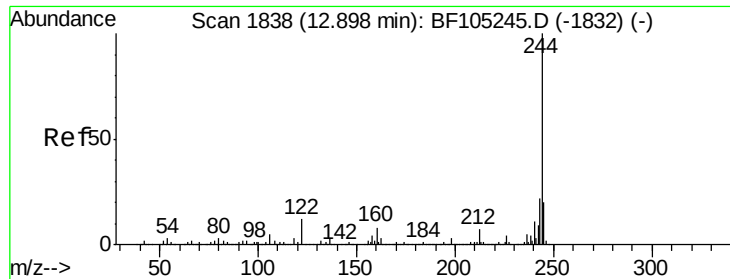
Delta R.T. -0.01 min

Lab File: BF105340.D

Acq: 12 May 2018 16:29

Tgt Ion:	202	Resp:	65169
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	18.6	14.3	21.5





#78

Terphenyl-d14

Concen: 72.828 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105340.D

Acq: 12 May 2018 16:29

Instrument :

BNA_F

ClientSampleId :

RB-44791RT-RB-47188RT

Tot Ion:244 Resp: 1115027

Ion Ratio Lower Upper

244 100

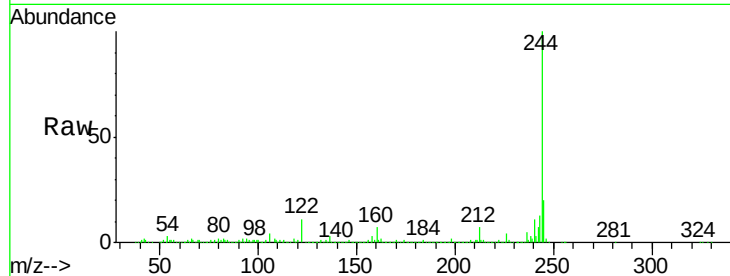
212 6.5 5.4 8.0

122 11.3 11.0 16.4

Manual Integrations
APPROVED

Sohil

5/14/2018 3:19:48 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1500000

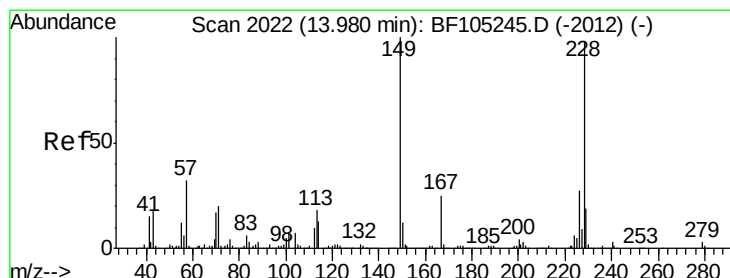
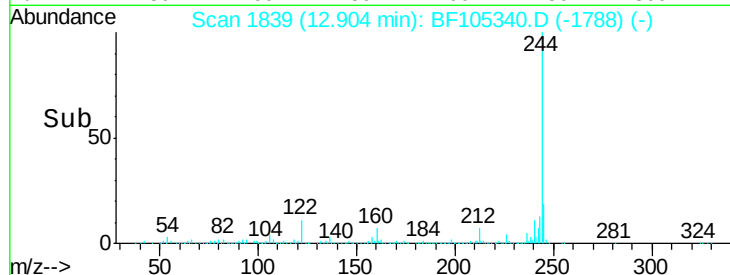
1000000

500000

0

12.80 12.90 13.00

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.492 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF105340.D

Acq: 12 May 2018 16:29

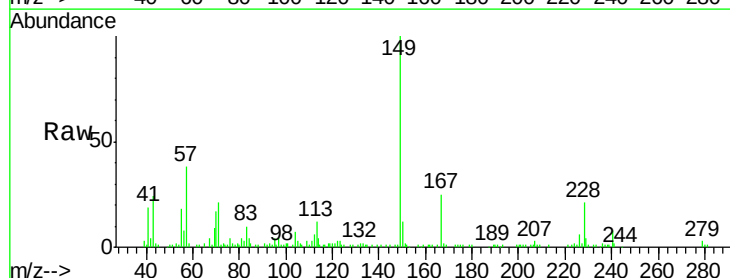
Tgt Ion:149 Resp: 60852

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

80000

60000

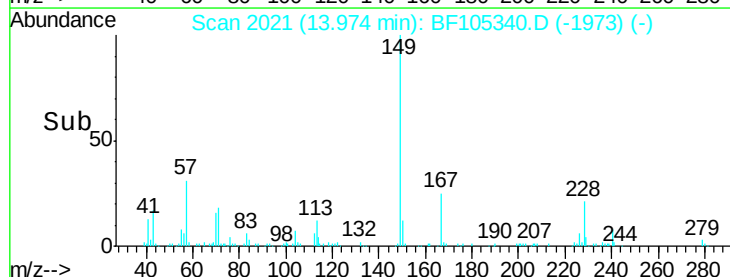
40000

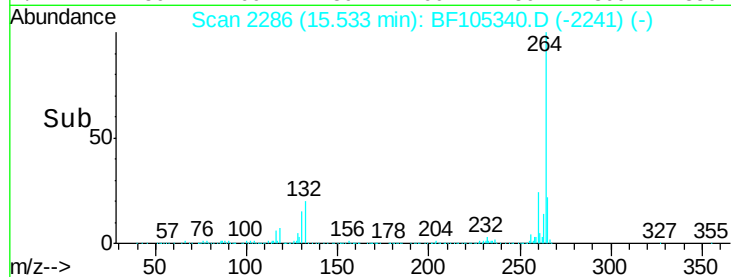
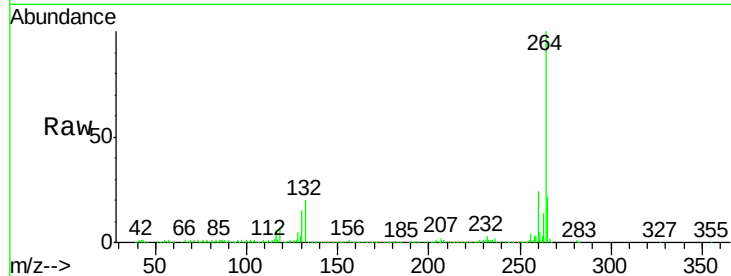
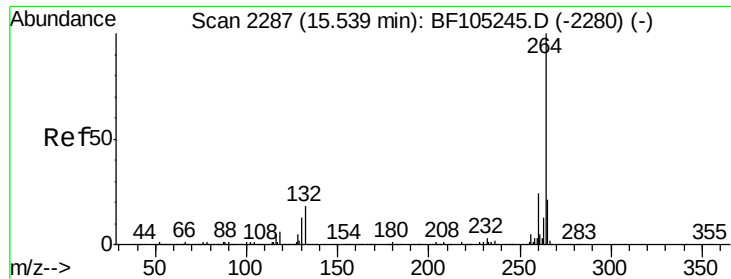
20000

0

13.90 13.95 14.00

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.04 min
Lab File: BF105340.D
Acq: 12 May 2018 16:29

Instrument :
BNA_F
ClientSampleId :
RB-44791RT-RB-47188RT

Tot Ion:	264	Resp:	364594
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

Manual Integrations
APPROVED

Sohil
5/14/2018 3:19:48 PM

